



IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Mohammad M. Samii

Confirmation No.:

Application No.: Pending

Examiner: C. W. Stewart

Filing Date: Herewith

Group Art Unit: 2853

Title: PHOTOSENSOR ACTIVATION OF AN EJECTION ELEMENT OF A FLUID-EJECTION DEVICE

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
☐ Statement under 37 CFR 1.97(e), or
☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:
☐ Statement under 37 CFR 1.97(e)(1) or (2), and
☐ a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00 . At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation ~~together with~~ ~~copies~~ of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. **EV 310 888 817 US**

Date of Deposit **Aug. 5, 2003**

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

By

Typed Name: **J hn A. Parker**

Respectfully submitted,

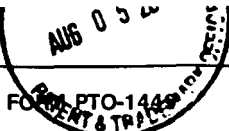
M hammad M. Samii

By

J ff A. Holm n

Attorney/Agent for Applicant(s)
Reg. No. **38,492**

Date: **Aug. 5, 2003**



**LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

200205843-6

APPLICATION NO.

CONFIRMATION NO.

APPLICANT

Mohammad M. Samii

FILING DATE

Herewith

GROUP

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A	4,233,612	Nov. 11, 1980	Hirayama et al.	
	1B	4,745,416	May 17, 1988	Horiata	
	1C	4,764,776	Aug. 16, 1988	Mugrauer et al.	
	1D	4,769,659	Sep. 6, 1988	Umeda et al.	
	1E	4,783,149	Nov. 8, 1988	Umeda et al.	
	1F	4,903,051	Feb. 20, 1990	Egawa et al.	
	1G	5,040,074	Aug. 13, 1991	Stemmle	
	1H	5,095,376	Mar. 10, 1992	Umeda et al.	
	1I	5,589,865	Dec. 31, 1996	Beeson	
	1J	5,719,602	Feb. 17, 1998	Hackleman et al.	
	1K	5,732,168	Mar. 24, 1998	Donald	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L					
	1M					
	1N					
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	"Introduction to Solid State Physics", by Charles Kittel, Seventh Edition, 1996, John Wiley & Sons, Inc.; p. 573.
	1R	"Physics of Semiconductor Devices", by Michael Shur, 1990, Prentice-Hall, Inc.; pp. 501-508.
	1S	"Semiconductor Physics and Devices", by Donald A. Neaman, Second Edition, 1997, The McGraw-Hill Companies; pp. 280-292.

EXAMINER

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FORM PTO

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REFERENCE DESIGNATION**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	3A	4,794,463	Dec. 27, 1988	Tamura et al.	
	3B	5,021,808	Jun. 4, 1991	Kohyama	
	3C	5,159,349	Oct. 27, 1992	Endo et al.	
	3D				
	3E				
	3F				
	3G				
	3H				
	3I				
	3J				
	3K				

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	3L					
	3M					
	3N					
	3O					
	3P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	3Q	
	3R	
	3S	

EXAMINER

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 PATENT OFFICE
NEW YORK

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APPLICANT Mohammad M. Samii		
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REFERENCE DESIGNATION**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	2A	5,734,394	Mar. 31, 1998	Hackleman	
	2B	5,742,305	Apr. 21, 1998	Hackleman	
	2C	5,805,296	Sep. 8, 1998	Hattori	
	2D	5,844,588	Dec. 1, 1998	Anderson	
	2E	5,933,184	Aug. 3, 1999	Ishigami et al.	
	2F	5,991,055	Nov. 23, 1999	Haselby et al.	
	2G	6,318,825	Nov. 20, 2001	Carau, Sr.	
	2H	2002/0051031	May 2, 2002	Shin et al.	
	2I	4,321,627	Mar. 23, 1982	Hooker, III, et al.	
	2J				
	2K				

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	2L					
	2M					
	2N					
	2O					
	2P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	2Q	"Printhead for Thermal Ink Jet Print Bar and Method of Manufacturing the Same", US Patent Application Serial No. 09/772,543, filed January 30, 2001.
	2R	U.S. Patent Application Serial No. 10/121,012, filed April 10, 2002 and entitled "Laser Triggered Inkjet Firing".
	2S	

EXAMINER

DATE CONSIDERED